Plant Systematics and Evolution

Entwicklungsgeschichte und Systematik der Pflanzen

Continuation of Österreichische Botanische Zeitschrift

Editorial Board:

F. Ehrendorfer, Wien (Managing Editor)
L. Geitler, Wien
W. Hagemann, Heidelberg
D. L. Hawksworth, Kew
V. H. Heywood, Reading
T. J. Mabry, Austin, Tex.
J. Poelt, Graz
G. L. Stebbins, Davis, Calif.
T. F. Stuessy, Columbus, Ohio
B. L. Turner, Austin, Tex.

Vol. 154, 1986

ISSN 0378-2697

Springer-Verlag Wien New York

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions including microform is transferred to the publisher

Alle Rechte, einschließlich das der Übersetzung in fremde Sprachen und das der photomechanischen Wiedergabe oder einer sonstigen Vervielfältigung, auch in Mikroform, vorbehalten

© 1986 by Springer-Verlag/Wien

Contents/Inhalt

Badaeva, E. D., Shkutina, F. M., Bogdevich, I. N., Badaev, N. S.: Comparative Study of *Triticum aestivum* and *T. timopheevi* Genomes Using C-Banding Technique 183

Bulińska-Radomska, Z., Lester, R. N.: Species Relationships in *Festuca* (Sect. *Ovinae, Poaceae*) 175

Dafni, A., Dukas, R.: Insect and Wind Pollination in *Urginea maritima* (*Liliaceae*) 1

Ganal, M., Hemleben, V.: Comparison of the Ribosomal RNA Genes in Four Closely Related *Cucurbitaceae* 63

Gibbs, P. E.: Do Homomorphic and Heteromorphic Self-Incompatibility Systems Have the Same Sporophytic Mechanism? 285

Gill, M., Watling, R.: The Relationships of *Pisolithus* (*Sclerodermataceae*) to Other Fleshy Fungi with Particular Reference to the Occurrence and Taxonomic Significance of Hydroxylated Pulvinic Acids 225

Hamal, I. A., Langer, A., Koul, A. K.: Nucleolar Organizing Region in the *Apiaceae* (*Umbelliferae*) 11

Harborne, J. B., Boardley, M., Fröst, S., Holm, G.: The Flavonoids in Leaves of Diploid *Triticum* Species (*Gramineae*) 251

Hawksworth, D. L., Poelt, J.: Five Additional Genera of Conidial Lichen-Forming Fungi from Europe 195

Hedström, I., Thulin, M.: Pollination by a Hugging Mechanism in *Vigna vexillata* (*Leguminosae-Papilionoideae*) 275

Kiehn, M.: Karyosystematic Studies on *Rubiaceae*: Chromosome Counts from Sri Lanka 213

Krisai, I., Mrazek, E.: Calcium Oxalate Crystals in *Geastrum* 325

Morawetz, W.: Systematics and Karyoevolution in *Magnoliidae*: *Tetrameranthus* as Compared with Other *Annonaceae* Genera of the Same Chromosome Number 147

Moret, J., Couderc, H., Hubac, J. M., Gorenflot, R.: Contributions of Numerical Taxonomy to *Ornithogalum* subg. *Beryllis* (*Hyacinthaceae*) in Morocco 103

Narayana, P. S., Narayana, L. L.: The Embryology of *Stegnospermataceae*, with a Discussion on Its Status, Affinities and Systematic Position 137

Puff, Ch.: *Phylohydrax* (*Rubiaceae-Spermacoceae*)—a New Genus to Accomodate the African and Madagascan "*Hydrophylax*" Species . 343

Schwarzacher-Robinson, T.: Meiosis, SC-Formation, and Karyotype Structure in Diploid *Paeonia tenuifolia* and Tetraploid *P. officinalis* . 259

Schwarzacher-Robinson, T., Schweizer, D.: Synaptonemal Complex Spreading in Plants: Technical Aspects and Preliminary Observations on the Synaptonemal Complex in *Paeonia* and *Ornithogalum* . . . 129

Śnieżko, R., Harte, C.: Development of Polarity in the Ovules of the F_2-progeny of the *Oenothera* Hybrid *albicans*·^{h}*hookeri* 89

Tan, K., Sorger, F.: Even More New Taxa from South and East Anatolia I 111

Wasmund, O., Stubbe, W.: Cytogenetic Investigations on *Oenothera wolfii* (*Onagraceae*) 79
Weber, A., Vogel, St.: The Pollination Syndrome of *Deplanchea tetraphylla* (*Bignoniaceae*) 237
Zaharof, E.: Variation and Taxonomy of *Fritillaria graeca* (*Liliaceae*) in Greece 41
Zavada, M. S., Taylor, Th. N.: Pollen Morphology of *Lactoridaceae* . . 31

Abstracted/Indexed in:
Current Contents,
SCI, ASCA, and ISI/BIOMED,
Chemical Abstracts,
Current Awareness in Biological Sciences